

**Abstract of the Disclosure****METHOD FOR THE RECURSIVE AND STATISTICAL ANALYSIS OF  
COMMUNICATIONS NETWORKS**

A method and device for the analysis of datastreams in a communications network modeled by several layers comprises the steps of capturing a datastream for a given network layer, analyzing the totality of the stream in order to determine the protocol or protocols present, producing different streams corresponding to at least one protocol present, and reiterating the step of analysis for a higher layer if any.